

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of providing service in a wireless packet network comprising steps of:
 - utilizing a link adaptation technique to adapt a modulation and coding level to achieve a predetermined error rate for transmission of data packets, said link adaptation technique based on a relationship between said error rate and a signal-to-interference-plus-noise ratio, wherein said signal-to-interference-plus-noise ratio is predicted from a signal path gain, a maximum transmission power level, and a predicted interference power level;
 - utilizing a power control technique to adjust a transmission power to a level which provides desirable performance, said power control technique utilized in combination with said link adaptation technique and based on the adapted modulation and coding level; and
 - transmitting said packets of data in accordance with said modulation and coding level and with said transmission power.
2. (Cancelled)
3. (Original) The method of claim 1 wherein said service comprises a music delivery service.
4. (Original) The method of claim 1 wherein said streaming service is provided over a cellular network.
5. (Original) The method of claim 1 wherein said predetermined error rate comprises a non-zero error rate.

6. (Original) The method of claim 1 wherein said streaming service is provided over packet-switched bearers.
7. (Original) The method of claim 1 further comprising the step of applying error-concealment techniques to said data packets at a receiving end.
8. (Original) The method of claim 1 wherein said step of utilizing a link adaptation technique is performed at periodic intervals.
9. (Original) The method of claim 1 wherein said step of utilizing a power control technique is performed at periodic intervals.
10. (Cancelled)
11. (Currently Amended) The method of claim 3 wherein said music delivery service comprises a MPEG-4 Advanced Audio Coder music service.
12. (Original) The method of claim 4 wherein said cellular network comprises an Enhanced General Packet Radio Service cellular network.
13. (Currently Amended) The method of claim 40-1 wherein said signal-to-interference-plus-noise ratio is estimated by multiplying a value of said maximum transmission power level by a value of said signal path gain and dividing by a value of said predicted interference power level.
14. (Cancelled)
15. (Currently amended) The method of claim 40-1, wherein said transmission power level is determined from a value of said signal-to-interference-plus-noise ratio multiplied by a value of said predicted interference power level divided by a value of said signal path gain.